

ABSTRACT OF THE DISCLOSURE

A system and method for selectively monitoring movement of one or more objects having one or more object attributes in a three dimensional space. The method is achieved by following the steps of detecting a position of the one or more objects in the three dimensional space by collecting information from one or more static sensors; selecting each detected object for monitoring; uniquely identifying selected objects and assigning one or more variable sensors to monitor the uniquely identified object. The method further requires gathering information from the variable sensors for each identified object; detecting a direction of each identified object in the three dimensional space; and controlling the one or more variable sensors to continuously point to the assigned uniquely identified object.